

10772862\_CLS1.txt  
Most Frequently Occurring Classifications of Patents Returned  
From A Search of 10772862 on April 03, 2006

Original Classifications

4 704/233  
4 704/275  
3 379/88.01  
3 704/270  
2 379/88.03  
2 704/244  
2 704/247  
2 704/252  
2 704/257

Cross-Reference Classifications

9 704/251  
5 379/88.01  
5 704/240  
5 704/254  
5 704/270  
3 379/88.19  
3 455/563  
3 704/252  
3 704/275  
2 379/88.16  
2 379/88.2  
2 379/88.24  
2 704/231  
2 704/243  
2 704/255  
2 704/256  
2 704/260  
2 706/25

Combined Classifications

10 704/251  
8 379/88.01  
8 704/270  
7 704/275  
5 704/233  
5 704/240  
5 704/252  
5 704/254  
3 379/88.19  
3 455/563  
3 704/243  
3 704/256  
3 704/257  
2 379/10.01  
2 379/88.03  
2 379/88.16  
2 379/88.2  
2 379/88.24  
2 382/218  
2 704/203  
2 704/231  
2 704/232  
2 704/235  
2 704/244  
2 704/247  
2 704/255  
2 704/260

Titles of Most Frequently Occurring Classifications of Patents Returned  
From A Search of 10772862 on April 03, 2006

- 10 704/251 (1 OR, 9 XR)  
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO  
COMPRESSION/DECOMPRESSION  
704/200 SPEECH SIGNAL PROCESSING  
704/231 .Recognition  
704/251 ..word recognition
- 8 379/88.01 (3 OR, 5 XR)  
Class 379 : TELEPHONIC COMMUNICATIONS  
379/67.1 AUDIO MESSAGE STORAGE, RETRIEVAL, OR SYNTHESIS  
379/88.01 .Voice activation or recognition
- 8 704/270 (3 OR, 5 XR)  
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO  
COMPRESSION/DECOMPRESSION  
704/200 SPEECH SIGNAL PROCESSING  
704/270 .Application
- 7 704/275 (4 OR, 3 XR)  
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO  
COMPRESSION/DECOMPRESSION  
704/200 SPEECH SIGNAL PROCESSING  
704/270 .Application  
704/275 ..Speech controlled system
- 5 704/233 (4 OR, 1 XR)  
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO  
COMPRESSION/DECOMPRESSION  
704/200 SPEECH SIGNAL PROCESSING  
704/231 .Recognition  
704/233 ..Detect speech in noise
- 5 704/240 (0 OR, 5 XR)  
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO  
COMPRESSION/DECOMPRESSION  
704/200 SPEECH SIGNAL PROCESSING  
704/231 .Recognition  
704/236 ..Specialized equations or comparisons  
704/240 ...Probability
- 5 704/252 (2 OR, 3 XR)  
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO  
COMPRESSION/DECOMPRESSION  
704/200 SPEECH SIGNAL PROCESSING  
704/231 .Recognition  
704/251 ..word recognition  
704/252 ...Preliminary matching
- 5 704/254 (0 OR, 5 XR)  
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO  
COMPRESSION/DECOMPRESSION

- 704/200 SPEECH SIGNAL PROCESSING
- 704/231 .Recognition
- 704/251 ..Word recognition
- 704/254 ...Subportions
- 3 379/88.19 (0 OR, 3 XR)
  - Class 379 : TELEPHONIC COMMUNICATIONS
  - 379/67.1 AUDIO MESSAGE STORAGE, RETRIEVAL, OR SYNTHESIS
  - 379/88.19 .Call source identification
- 3 455/563 (0 OR, 3 XR)
  - Class 455 : TELECOMMUNICATIONS
  - 455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.,  
TRANSCIVER)
  - 455/550.1 .Radiotelephone equipment detail
  - 455/563 ..Having voice recognition or synthesization
- 3 704/243 (1 OR, 2 XR)
  - Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO  
COMPRESSION/DECOMPRESSION
  - 704/200 SPEECH SIGNAL PROCESSING
  - 704/231 .Recognition
  - 704/243 ..Creating patterns for matching
- 3 704/256 (1 OR, 2 XR)
  - Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO  
COMPRESSION/DECOMPRESSION
  - 704/200 SPEECH SIGNAL PROCESSING
  - 704/231 .Recognition
  - 704/251 ..Word recognition
  - 704/255 ...Specialized models
  - 704/256 ....Markov
- 3 704/257 (2 OR, 1 XR)
  - Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO  
COMPRESSION/DECOMPRESSION
  - 704/200 SPEECH SIGNAL PROCESSING
  - 704/231 .Recognition
  - 704/251 ..Word recognition
  - 704/255 ...Specialized models
  - 704/257 ....Natural language
- 2 379/10.01 (1 OR, 1 XR)
  - Class 379 : TELEPHONIC COMMUNICATIONS
  - 379/1.01 DIAGNOSTIC TESTING, MALFUNCTION INDICATION, OR  
ELECTRICAL CONDITION MEASUREMENT
  - 379/9 .Of centralized switching system
  - 379/10.01 ..By automatic testing sequence
- 2 379/88.03 (2 OR, 0 XR)
  - Class 379 : TELEPHONIC COMMUNICATIONS
  - 379/67.1 AUDIO MESSAGE STORAGE, RETRIEVAL, OR SYNTHESIS
  - 379/88.01 .Voice activation or recognition
  - 379/88.03 ..Voice dialing
- 2 379/88.16 (0 OR, 2 XR)
  - Class 379 : TELEPHONIC COMMUNICATIONS
  - 379/67.1 AUDIO MESSAGE STORAGE, RETRIEVAL, OR SYNTHESIS

- 379/88.16 .Voice message synthesis
- 2 379/88.2 (0 OR, 2 XR)
  - Class 379 : TELEPHONIC COMMUNICATIONS
  - 379/67.1 AUDIO MESSAGE STORAGE, RETRIEVAL, OR SYNTHESIS
  - 379/88.19 .Call source identification
  - 379/88.2 ..Automatic Number Identification (ANI)
- 2 379/88.24 (0 OR, 2 XR)
  - Class 379 : TELEPHONIC COMMUNICATIONS
  - 379/67.1 AUDIO MESSAGE STORAGE, RETRIEVAL, OR SYNTHESIS
  - 379/88.22 .Message management
  - 379/88.23 ..Controlled by subscriber or caller
  - 379/88.24 ...By generated tone
- 2 382/218 (1 OR, 1 XR)
  - Class 382 : IMAGE ANALYSIS
  - 382/181 PATTERN RECOGNITION
  - 382/209 .Template matching (e.g., specific devices that determine the best match)
  - 382/217 ..Electronic template
  - 382/218 ...Comparator
- 2 704/203 (1 OR, 1 XR)
  - Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
  - 704/200 SPEECH SIGNAL PROCESSING
  - 704/201 .For storage or transmission
  - 704/203 ..Transformation
- 2 704/231 (0 OR, 2 XR)
  - Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
  - 704/200 SPEECH SIGNAL PROCESSING
  - 704/231 .Recognition
- 2 704/232 (1 OR, 1 XR)
  - Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
  - 704/200 SPEECH SIGNAL PROCESSING
  - 704/231 .Recognition
  - 704/232 ..Neural network
- 2 704/235 (1 OR, 1 XR)
  - Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
  - 704/200 SPEECH SIGNAL PROCESSING
  - 704/231 .Recognition
  - 704/235 ..Speech to image
- 2 704/244 (2 OR, 0 XR)
  - Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
  - 704/200 SPEECH SIGNAL PROCESSING
  - 704/231 .Recognition

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- 704/243 ..Creating patterns for matching  
704/244 ...Update patterns
- 2 704/247 (2 OR, 0 XR)  
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO  
COMPRESSION/DECOMPRESSION  
704/200 SPEECH SIGNAL PROCESSING  
704/231 .Recognition  
704/246 ..Voice recognition  
704/247 ...Preliminary matching
- 2 704/255 (0 OR, 2 XR)  
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO  
COMPRESSION/DECOMPRESSION  
704/200 SPEECH SIGNAL PROCESSING  
704/231 .Recognition  
704/251 ..Word recognition  
704/255 ...Specialized models
- 2 704/260 (0 OR, 2 XR)  
Class 704 : DATA PROCESSING: SPEECH SIGNAL PROCESSING,  
LINGUISTICS, LANGUAGE TRANSLATION, AND AUDIO  
COMPRESSION/DECOMPRESSION  
704/200 SPEECH SIGNAL PROCESSING  
704/258 .Synthesis  
704/260 ..Image to speech
- 2 706/25 (0 OR, 2 XR)  
Class 706 : DATA PROCESSING: ARTIFICIAL INTELLIGENCE  
706/15 NEURAL NETWORK  
706/25 .Learning method